PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference									
234	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)								
International application No.	International filing date (day/mo	nth/year)	Priority Date (day/month/year)						
PCT/KR 2004/003309	15 December 2004 (15.	12.2004)	16 December 2003 (16.12.2003)						
International Patent Classification (IPC) or na	ional classification and IPC		I						
IPC ⁸ : C07D 211/90 (2006.01)									
Applicant	,								
SK CHEMICALS CO. LTD.	· ·								
 This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36. 									
2. This REPORT consists of a total of	of <u>3</u> sheets, including the	is cover shee	et.						
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).									
These annexes consist of a total of sheets.									
3. This report contains indications re	lating to the following items:								
I. Basis of the opin	nion								
II. Priority									
III. Non-establishme	ent of opinion with regard to no	ovelty, inver	ntive step and industrial applicability						
IV. Lack of unity of	invention								
	V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
VI. Certain docume	nts cited								
VII. Certain defects	n the international application								
VIII. Certain observations on the international application									
Date of submission of the demand		Date of completion of this report							
11 July 2005 (11.0	07.2005)	7	' April 2006 (07.04.2006)						
Name and mailing address of the IPEA/AT		thorized offi	cer						
Austrian Patent Office			OL A DV C						
Dresdner Straße 87			SLABY S.						
A-1200 Vienna	m _a 1	onhone M-	1/53424/348						
Facsimile No. 1/53424/200	I	ерпоне 140.	1/ <i>J J T A T</i> / J + U						
Form PCT/IPEA/409 (cover sheet) (July 1998)									

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/KR 2004/003309

1.		Basis of the report
1.	Wit	h regard to the elements of the international application:*
	\boxtimes	the international application as originally filed
		the description:
		pages, as originally filed
		pages, filed with the demand pages, filed with the letter of
	_	
		the claims:
		pages, as originally filed
		pages, as amended (together with any statement) under Article 19 pages, filed with the demand
		pages, filed with the letter of
		the drawings:
	لـــا	pages, as originally filed
		pages, filed with the demand
		pages, filed with the letter of
		the sequence listing part of the description:
	L1	pages, as originally filed
		pages, filed with the demand
		pages, filed with the letter of
2.	With	regard to the language, all the elements marked above were available or furnished to this Authority in the language in
	Thes	se elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/ or 55.3).
3.	With preli	regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international minary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos
	ĺ	the drawings, sheets/fig
5.	Т	his report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
7	eplace this i 0.17).	ement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and
** <u>A</u>	ny rep	placement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/KR 2004/003309

V. Reasoned statement under Art citations and explanations sup	icle 35(2)	b) with regard to novelty, inventive step or industrial applicability;	
1. Statement	Porting 3t	sach statement	
Novelty (N)	Claims	s 1 -11	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-11	NO
Industrial applicability (IA)	Claims	1-11	YES
	Claims		NO
Citations and explanations (Rule 70.	7)		
The following documents an D1 EP 244944 A2		amlodipine gentisate (2,5-dihydroxy benzoate).	
D2 WO 0279158 A1 D3 WO 0389414 A1			
succinate, salicylate and ac	etate.	tical salts of amlodipine including mesylate, besylate. to te and D3 discloses amlodipine nicotinate.	osylate,
Since none of the cited considered as novel.	docum	nents discloses amlodipine gentisate, the subject ma	atter is
experimentation of a person Moreover, the surprising of the description. Although ta comparable, since the besy The process for the preparatechnique for the preparation An inventive step cannot be	benze skilled fect of t bles 6 a late sal ation of on of aci	of amlodipine, which differs from the gentisate salt on ene ring. Such a variation is considered to belong to d in the art. It the gentisate salt is not apparent from the comparative and 7 show higher activity of the gentisate salt, the resulat is a racemic mixture while the gentisate salt is an (S)-is f amlodipine gentisate according to claims 3-8 is a convecid addition salts, since it is also disclosed in D2 and D3. Dwledged for the subject matter of the present claims.	test in
Industrial applicability is given	en.		